

Date: Thu, 9 Jun 94 04:30:26 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #180
To: Ham-Equip

Ham-Equip Digest Thu, 9 Jun 94 Volume 94 : Issue 180

Today's Topics:

Aircraft/Marine/Ham radio equipment: info wanted
 Bought Standard HT recently?
 Hallicrafters SX-28?
 Icom R100 Comments SOught
 ICOM W21AT . . . new . . . cheap
 KAM Firmware.
 Motorola: Micor & Mocom70
 Opinions on Yaesu FT-757GX (2 msgs)
 Recommendations for 2m/440 mobile wanted
 SWR Analyzers
 TS-140 Connectors
 TX mod for IC-W21AT?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 7 Jun 1994 15:41:28 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!
milo.mcs.anl.gov!anagram.mcs.anl.gov!lent@network.ucsd.edu
Subject: Aircraft/Marine/Ham radio equipment: info wanted
To: ham-equip@ucsd.edu

I have a friend that is taking a extended backpacking/kyaking trip to the Northern
part of Alaska. He was told that he needed a handheld Aircraft band
receiver. Does anyone make a handheld that would operate on the aircraft
band as well as the marine or one of the ham bands? Can a modifcation
be made on a radio to make this happen? Who makes sturdy aircraft/marine

radios? Does anyone have one they want to sell for a good price?
Does anyone have a list of frequencies that it would be advantageous to
be able to transmit/receive on for the Brooks Range and Artic Ocean area?

73

kc4zqg

lent@mcs.anl.gov

Date: 8 Jun 94 15:56:42 -0500
From: yale.edu!noc.near.net!news.tufts.edu!news.hnrc.tufts.edu!jerry@yale.arpa
Subject: Bought Standard HT recently?
To: ham-equip@ucsd.edu

In April, I purchased a Standard C558A from HRO. Last week, I saw an HRO ad, expiring July 15, offering a free speaker/mic from Standard with proof of purchase of the C558A. I called Standard to ask how long the bonus had been in effect and was told April 15 to July 15, but that they would probably act favorably on a request with an early April purchase date. It turns out I bought mine on the 16-th, so there's no problem. I'm a little disappointed that HRO didn't let me know of the bonus. While they could have been unaware of it on the 16-th, they have my purchase in their computer and could have done a quick search when they were notified of the bonus to catch me and others like me.

There are similar bonuses on other Standard HT purchases, See the HRO ad in the June QST or the Standard ad in the May QST.

Date: Wed, 8 Jun 1994 19:11:34 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: Hallicrafters SX-28?
To: ham-equip@ucsd.edu

In article <JNG.94Jun3175507@ravel.sli.com> jng@sli.com (Mike Gilbert) writes:
>

>I've come into possession of an antique Hallicrafters SX-28 "Super Skyrider"
>receiver. Not being a ham, I'm looking for advice on what to do with it.

>

>

>I don't know exactly when it was manufactured, but the manual (which includes
>full schematics) is dated November 1, 1943. The front cover says "frequency
>range - .55 to 43. megacycles (!)".

Oh no! Of all people Hallicrafters should have know better than to say 'megacycles' instead of 'megacycles per second'. They must have been some second rate company. No wonder they went out of business; probably all you Mc/s people boycotted them in protest.

Jeff NH6IL

Date: 8 Jun 94 16:20:36 GMT
From: dog.ee.lbl.gov!agate!iat.holonet.net!vectorbd!jp11@ucbvax.berkeley.edu
Subject: Icom R100 Comments SOught
To: ham-equip@ucsd.edu

Adam Epstein (adam@panix.com) wrote:

: I have a friend who is interested in the Icom R100. If you have
: experience with this radio, he'd appreciate hearing your comments
: (both pro and con) as well as alternative suggestions. Pointers to
: anyplace where discussions about the R100 might be archived would also
: be useful. I'll forward replies.

No SSB or CW is something I miss

--

-Jim Lill-
jp11@vectorbd.com
wa2zkd@wb2psi.#wny.ny.usa.na

Vector Board BBS
716-544-1863/2645
GEnie: ZKD

Date: 8 Jun 94 12:01:06 -0500
From: news2.near.net!noc.near.net!news.tufts.edu!news.hnrc.tufts.edu!
jerry@yale.arpa
Subject: ICOM W21AT . . . new . . . cheap
To: ham-equip@ucsd.edu

In article <2t20o0\$ib9@apakabar.cc.columbia.edu>, alan@manila.cc.columbia.edu
(Alan Crosswell) writes:

> I got the W21AT for \$425 mail order from HRO a few months ago. I don't
> know if there's been tremendous inflation since then, but I would advocate
> calling around to the mail order companies too. See any QST issue for the
> ads.

ICOM was having a coupon sale then. In April and May, the street price went
back up to \$500. (HRO was asking \$499. I know because I was looking in April.
I got a Standard C558A, instead.) I called around yesterday and discovered
that ICOM is couponing this month so the price is lower again and the unit

is readily available at a reduced price. I'll bet the people who bought them in April and May are going to be plenty upset, though!

You're right in your implication that it's not necessary to go to a Tour America stop to get the lesser price and the news of the coupons probably wasn't worth posting.

This **does** raise an issue worth discussing, if only there were something we could do about it--namely, the way many manufacturers jerk their prices around to make it difficult for the newcomer to the hobby to figure out what's going on.

Date: 7 Jun 94 22:33:57 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!
moe.ksu.ksu.edu!cis.ksu.edu!mac@network.ucsd.edu
Subject: KAM Firmware.
To: ham-equip@ucsd.edu

jms@col.hp.com (Mike Stansberry) writes:
>Brad Killebrew N5LJV (st3qi@elroy.uh.edu) wrote:
>: What's the latest firmware for the KAM?....

>From memory, I think it's 7.0. That's the version with the new
>GTor mode, but it does require one to upgrade with the KAM Enhancement
>board. Don't know the total cost....

Version 7.x is correct.

When I teased Kantronics' Karl Medcalf (WK5M) about their ability to make new versions faster than I could buy them (I just got version 5.x late last year!), he just shrugged and suggested I buy the enhancement board.

I saw that board for \$89.95 at last Sunday's hamfest.

--Myron.

--

Five boxes preserve our freedoms: soap, ballot, jury, witness, and cartridge.
Myron A. Calhoun, PhD EE; Assoc. Professor (913) 539-4448 home
INTERNET: mac@cis.ksu.edu 532-6350 work, 532-7353 fax
UUCP: ...rutgers!depot!mac Packet radio: W0PBV@N0ARY.#NOCAL.CA.USA.NA

Date: 8 Jun 1994 01:36:53 GMT
From: korie!newsworthy.West.Sun.COM!abyss.West.Sun.COM!spot!myers@ames.arpa

Subject: Motorola: Micor & Mocom70
To: ham-equip@ucsd.edu

In article 5u5@panix.com, adam@panix.com (Adam Epstein) writes:

>
>j d wilson writes:
>
>>>James, I'm in the process of modifying a Micor for the 2 Meter band.
>
>Dana Myers writes:
>
>>Hmmm... if you get a "low split" receiver, you don't need to do anything but
>>tune it up. Even the "mid split" receivers will usually tune down OK.
>
> Locally, we have had the same experience with VHF and UHF micors (tx
>& rx) that we put into repeater service, voting receiver service, and
>packet service. If you're patient, you can find radios that are in
>the right range to begin with (eg 136-148) but the more common splits
>(150+ and 450+) will work also. Low band models do need to be
>modified (for 10M & 6M).
>
> My favorite Micor story is from Dayton. There was a guy pulling his
>~3 year old daughter along in a little red wagon as he browsed the
>flea market. A few hours later, I saw him again. The wagon was
>sagging under the weight of at least 6 micors and the 3 year old was
>walking. Maybe you had to be there...

I make my four year old *carry* my Motorolas.

She prefers the HT-220s to Micors.

* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are
*
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 8 Jun 94 14:01:09 GMT
From: sdd.hp.com!col.hp.com!fc.hp.com!jayk@hplabs.hpl.hp.com
Subject: Opinions on Yaesu FT-757GX
To: ham-equip@ucsd.edu

Ed Raso (eraso@pd.org) wrote:

: I'm considering buying an FT-757GX...I'd like to hear from anyone
: that has experience using this rig, including current market value.
: I'd like something that will give me the same good service as my
: old IC-735.

Its a nice little SSB rig. I've had one around for 10 years or so with
no problems. I don't care much for it on CW though. Too many signals leak
around the CW filter causing high pitch birdies. For this reason I find
it difficult to use on CW without an audio filter. Perhaps they improved
this on later models.

73, Jay K0GU jayk@fc.hp.com

Date: 8 Jun 1994 04:55:56 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!
prairienet.org!jimk@network.ucsd.edu
Subject: Opinions on Yaesu FT-757GX
To: ham-equip@ucsd.edu

In a previous article, eraso@pd.org (Ed Raso) says:

>I'm considering buying an FT-757GX...I'd like to hear from anyone
>that has experience using this rig, including current market value.
>
>

Ed: Love my 757gx. Bought it used with the HD p/s and mobile mic for \$800.
That was in '88 I think. This rig was VERY clean, like new, low hours,
orig boxes, etc. (and i knew the guy). I cant say enuf good stuff about
this rig. Last year I made a HUGE improvement: put a Heil element in the
desk mic. This year got the Heil headset-mic combo. Don't know current
price for clean used rig but don't buy the solid-state p/s (it's noisy).
I would guess current price about \$600-700.(with or w/o p/s). Check the
Yellow Sheets....always lots of good stuff.
Good luck --- 73, N9AVP

--
73, Jim -. ----. .- ...- .--.

Date: Wed, 8 Jun 1994 07:34:48 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
kucharsk@network.ucsd.edu
Subject: Recommendations for 2m/440 mobile wanted
To: ham-equip@ucsd.edu

(My apologies to those who have previously read this in rec.radio.amateur.misc; I forgot to crosspost it here.)

I'm looking for a smallish 2m/440 mobile radio for use on a temporary basis in my car. Basically, I want to use it as a very transient system -- cigarette lighter power, ground clip to chassis, mag mount antenna on the roof, unit Velcro(tm)ed to my car's carpet.

Possible units:

- * Yaesu 5100. My current leading frontrunner, as I want dual in-band capability and don't need a detachable faceplate since the whole unit will always be coming with me.
- * Kenwood 732/733. The 733 is newer and is price-comparable to the 5100, but AES has a nice price on the discontinued 732. The Kenwoods lack a backlit DTMF mic, though (it seems like it would be a nice touch at night.)

Usage will be for commuting and SKYWARN.

Basic questions on these (or other recommended units):

- * Do they have built-in speakers of any type, or do I need to add an external speaker to the list?
- * Do most newer units have built-in and/or defeatable antenna multiplexers (e.g. just hook up a dual band mobile antenna and go)?

Please reply via email, and I'll summarize if there's interest. Please feel free to tell me if my proposed system won't work as well.

--

William Kucharski	Opinions expressed herein
Internet: kucharsk@netcom.com	are MINE alone, NOT those of
Ham: N00KQ	of NETCOM.
President, "Just the Ten of Us" Fan Club	"Dittos from Louisville, CO"

Date: Wed, 8 Jun 1994 18:16:12 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
n1list@network.ucsd.edu
Subject: SWR Analyzers
To: ham-equip@ucsd.edu

In article <Cr1FI3.5H5@srigenprp.sr.hp.com> bsplaine@sr.hp.com (Bill Splaine) writes:

-The board inside says Optoelectronics. The board on the MFJ 249 also said

-Optoelectronics..... Does anyone have one of the Optoelectronic Freq Ctrs?
-Do they drift that fast or is it just with the MFJ/Opto counters??? If so,
-are there drift differences between the few different models Opto produces?

The Opto board in the MFJ analyzers is the frequency counter, and is as stable as any of the non-ovened counters. The oscillator, on the other hand wanders all over the place. I cleaned mine up a bit by resoldering most of the joints (touch the iron to a joint and watch the rosin boil out...), clipping excess component leads, and soldering the variable cap to the board. More of MFJ living up to their Mighty Fine Junk name. It still drifts a bit, and the cap leaves much to be desired, especially on the vhf setting. It still is a useful tool, as long as you keep an eye on the frequency.

I also added a resistor and diode across the power switch so I can charge the nicads in mine without unscrewing the case...

/mike

```
--  
\\|      Michael L. Ardai      N1IST      Teradyne ATB, Boston MA  
-*- -----  
/|\      ardai@maven.dnet.teradyne.com      n1list@netcom.com  
  
-----
```

Date: 8 Jun 1994 04:22:24 GMT
From: nwnexus!chinook!bart@uunet.uu.net
Subject: TS-140 Connectors
To: ham-equip@ucsd.edu

Hi! I am trying to help an American ham radio operator in Africa get his Kenwood TS-140 radio set up on packet radio with a KAM Plus. His brother and I are sending the TNC to him, but we don't know what kind of connectors the TS-140 uses. More specifically, does the TS-140 use the older 4 pin mic connector or does it use the newer 8 pins connector? Also is there an accessories socket on the back that could be used to supply 12 volts DC to the TNC? If so, does anyone of you know what kind of plug is needed and which pins are used for +12 volts and ground, so we can purchase the connector and prewire it before sending it to Africa. The radio is literally in the bush with a generator being used 2 or 3 hours in the evenings. It is difficult to set up a solder station, so we are trying to make everything "plug and play" when we send it.

Thanks in advanc for your help. Please email any information you have on the TS-140 connectors to:
bart@halcyon.com

73's
Bart Walker
N7BU
Woodinville, WA

Date: 8 Jun 1994 16:30:31 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!wupost!
bigfoot.wustl.edu!cec3!j1w3@network.ucsd.edu
Subject: TX mod for IC-W21AT?
To: ham-equip@ucsd.edu

I was just wondering if anybody here has done the TX expansion for the
W21AT and knows (from testing into a dummy load, of course) what frequencies
are opened up. Thanks for any info you may have.
--jesse

Date: Tue, 7 Jun 1994 16:37:16 GMT
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!swrinde!sdd.hp.com!portal.com!
portal!combdyn!lawrence@ames.arpa
To: ham-equip@ucsd.edu

References <1994May31.225009.26125@newsgate.sps.mot.com>,
<CqqAwn.6Fy@inmet.camb.inmet.com>, <MkDyj4xQ5S01065yn@tyrell.net>om
Subject : Re: Yay-hoo FT-530 : Piece of junk

In article <MkDyj4xQ5S01065yn@tyrell.net> randyr@tyrell.net (Randy Rathbun)
writes:

>
>This was the third Yaesu I have owned - FT-207, FT-211, then the 530 - so I
>feel confident in Yaesu products... but what about a new ham that just bought
>his/her first rig? Had they received the 530 instead of me, what would that
>have done for Yaesu's reputation? Not too darn much. The same goes for
>ICOM, Kenwood, Alinco, etc.

>
The Yaesu FT530 was the first radio I ever owned....picked it up the day I got
my callsign...just over a year ago now.

It has its problems. The first was the antenna, which Yaesu sent to me free
right after they got the warranty card. The second is some minor firmware bug,
they offered to swap the radio at no charge (except to ship it to them)...but
I didn't feel that the problem was serious enough to give up my radio for a
few days.

The radio has been running solid as my main packet radio (on my Packet BBS) for the last several months....it does get a bit warm.....I could use a little more umph to get in more solidly with the node.

I'm thinking of getting another radio soon, and it'll probably be another one of these radios.....I haven't quite decided if it has to be a dual band HT or not.

The only activity on 440 is linking, and people crossbanding so they can get to the repeater from poor locations....but our new local area repeater should solve that problem. If having a HT at 0.5W can talk to a person at the other end of town to a person with an HT in his basement at 0.2W....it'll do even better with 20W, though there is some question about its receive sensitivity.

--

WORK: lawrence@combdyn.com | PHONE 403 529 2162 | FAX 529 2516 | VE6LKC
HOME: dreamer@lhaven.uumh.ab.ca | 403 526 6019 | 529 5102 | VE6PAQ

Praxis BBS - 529 1610 | CYSNET BBS - 526 4304 | Lunatic Haven BBS - 526 6957

disclamer = (working_for && !representing) + (Combustion Dynamics Ltd.);

End of Ham-Equip Digest V94 #180
